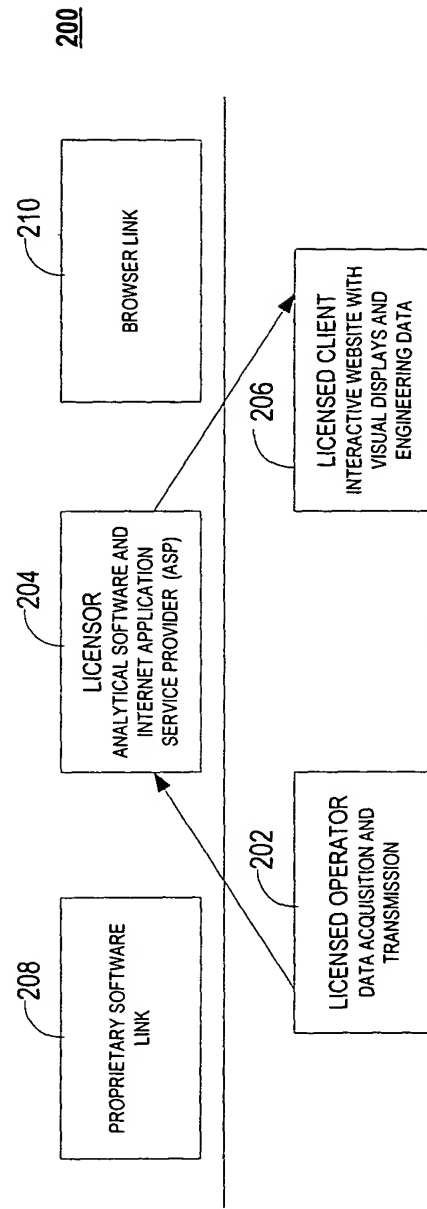
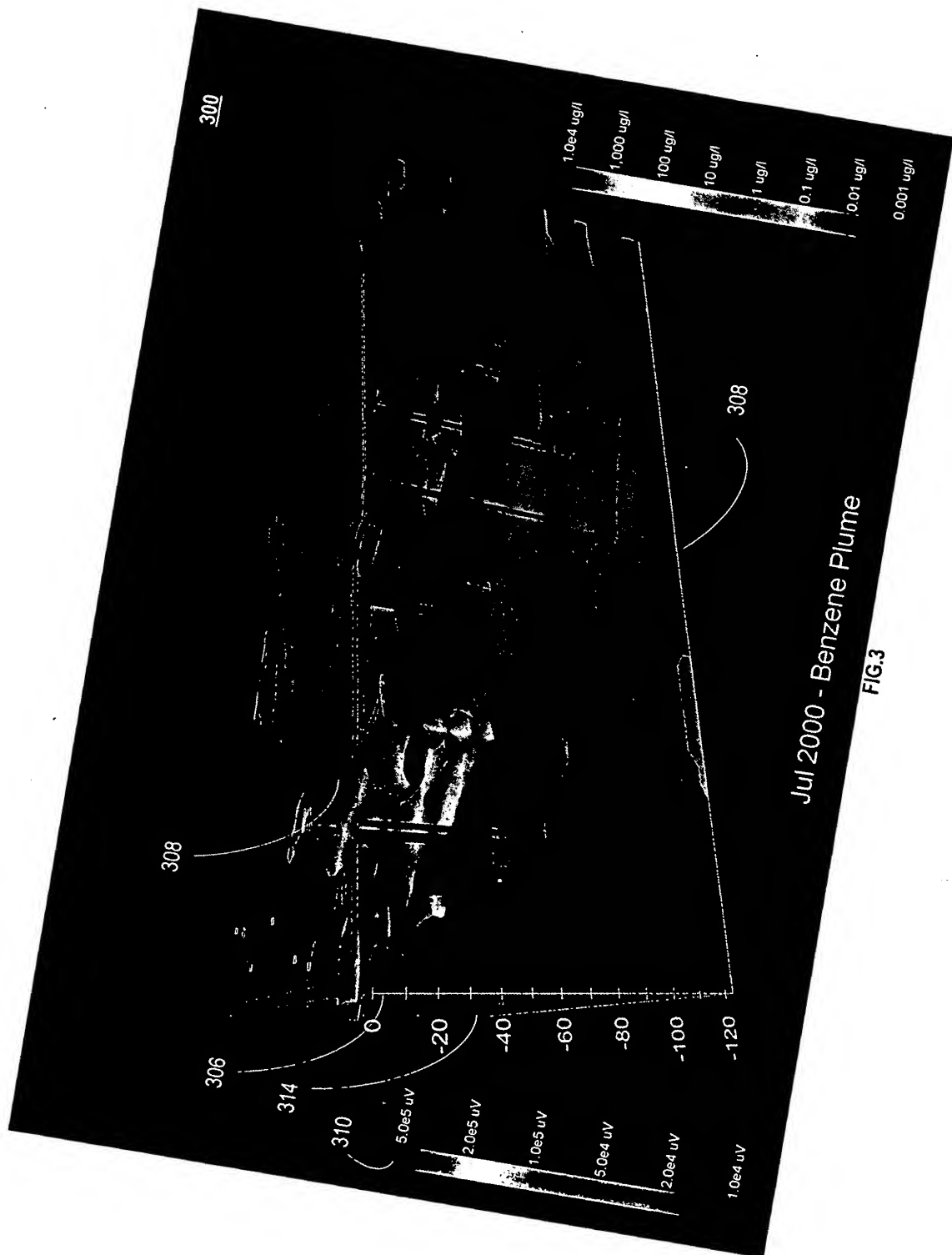


**FIG. 1**



**FIG. 2**



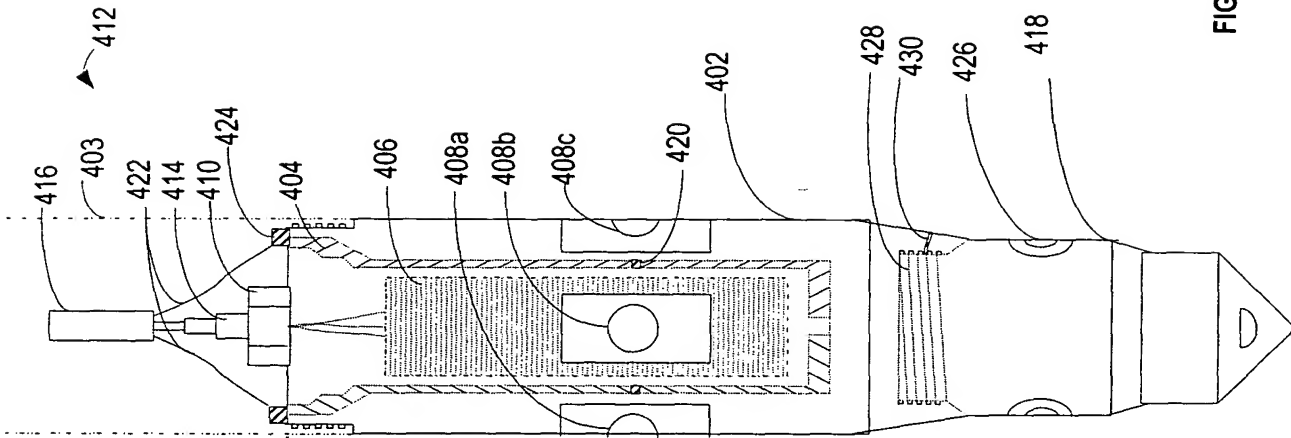


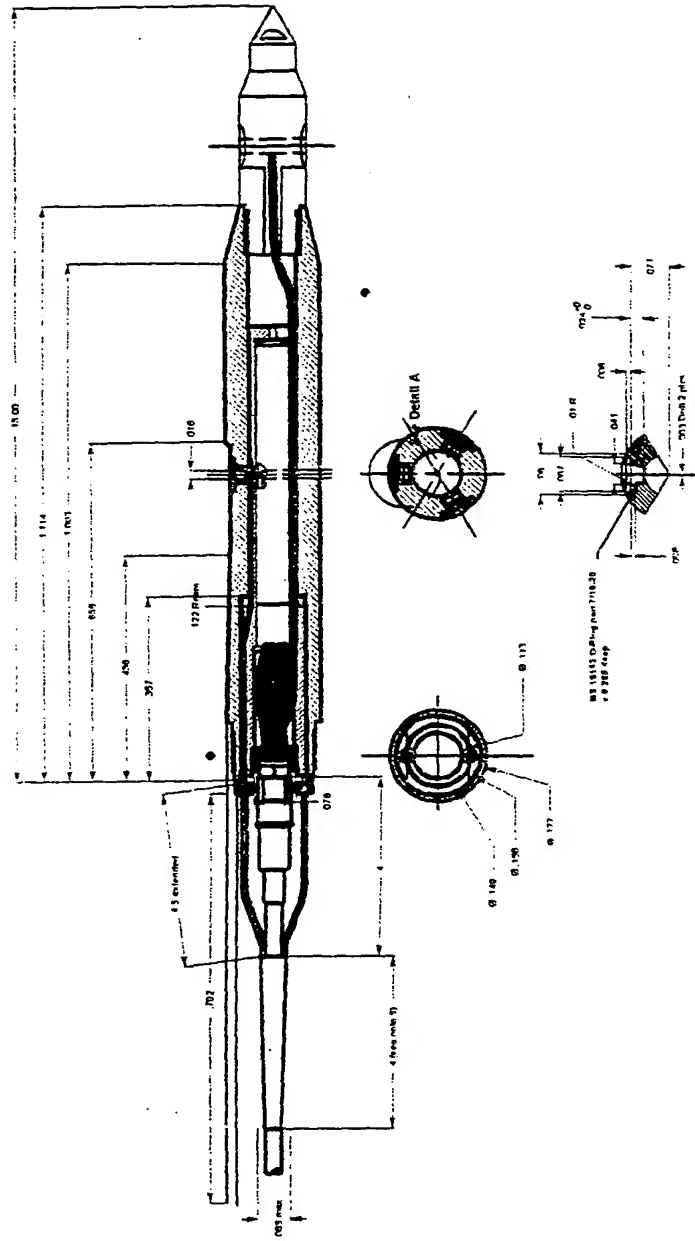
FIG. 4A

ENHANCED  
MIP PROBE

400

## Notes:

1. SEACON LSG-6-BC-1HP bulkhead connector
2. SEACON RMG-6-FS inline Connector (waterblocked)
3. Waterblocked breakout splice (Scripps)
4. Length of Nylon tube breakout to be 0.5 in. longer than the length of the RMG connector and the furthest extent of the shortest Nylon tube as datum points
5. Length of breakout splice to be as short as possible
6. Custom Heater element with through conductor and ground conductor
7. Heater Cartridge Insert
8. Modified probe
9. O-ring sealed gas passages
10. 4 # 10 Cap Screws perpendicular to probe surface equally spaced



Detail A

FIG. 4B

## Notes:

1. 0.060 x 45 degree chamfer
2. Parker Hannifin Corporation O-ring groove
3. Broach 0.0625 wide groove as shown
4. Material-cold rolled steel
5. Hold these diameters concentric within 0.003 in.
6. Hold all concentric diameters within 0.025 in. unless noted otherwise

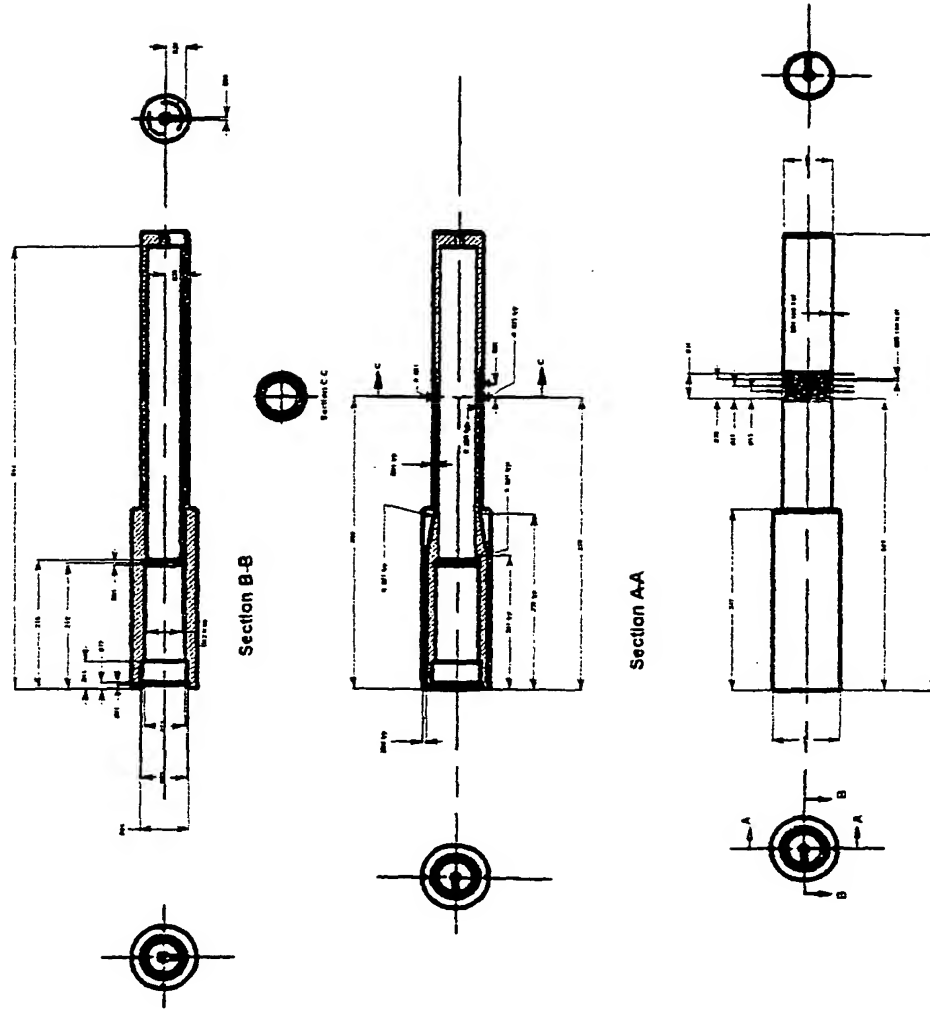


FIG. 4C



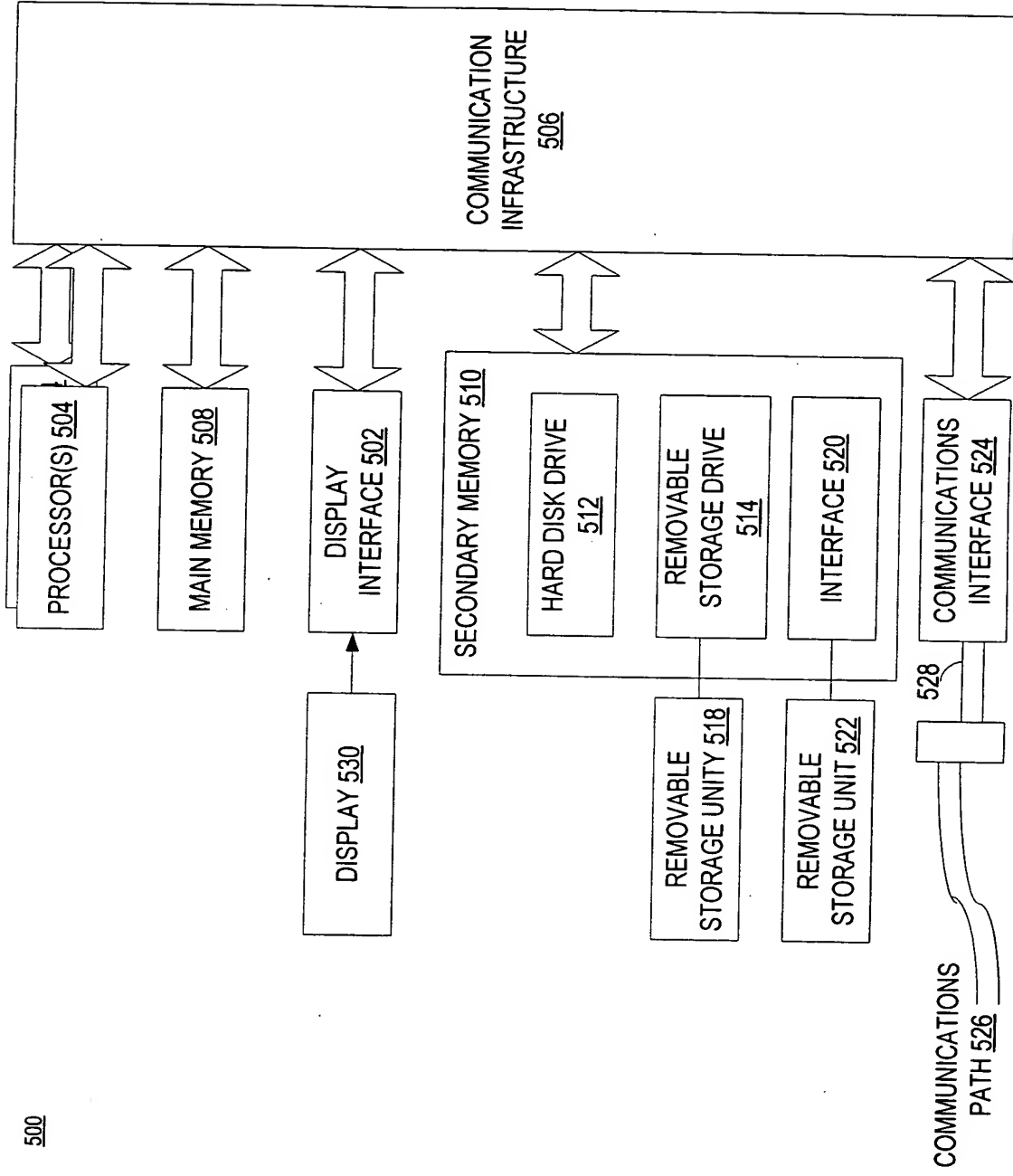
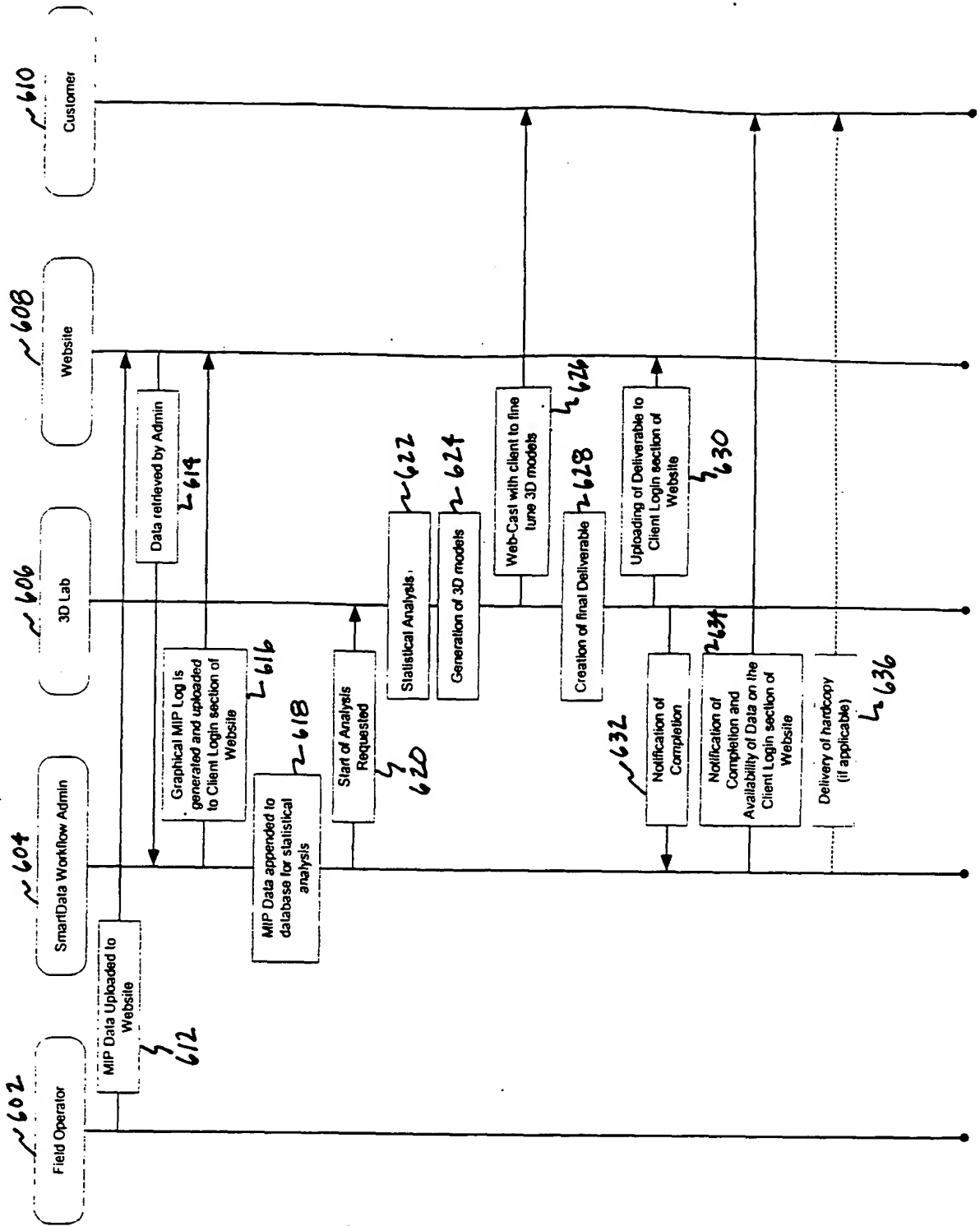


FIG. 5

FIG. 6



SMARTDATA SOLUTIONS™ ARCHITECTURE 700

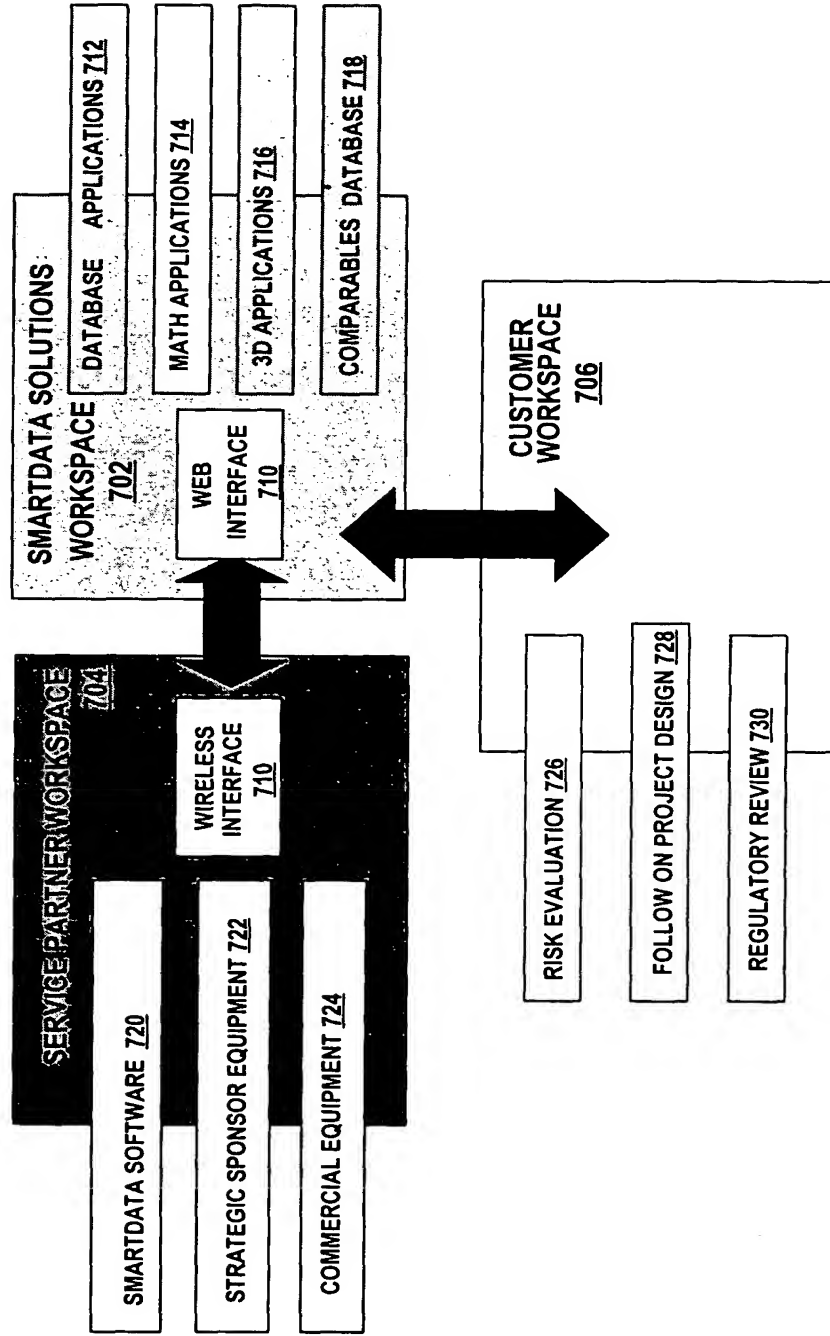


FIG. 7

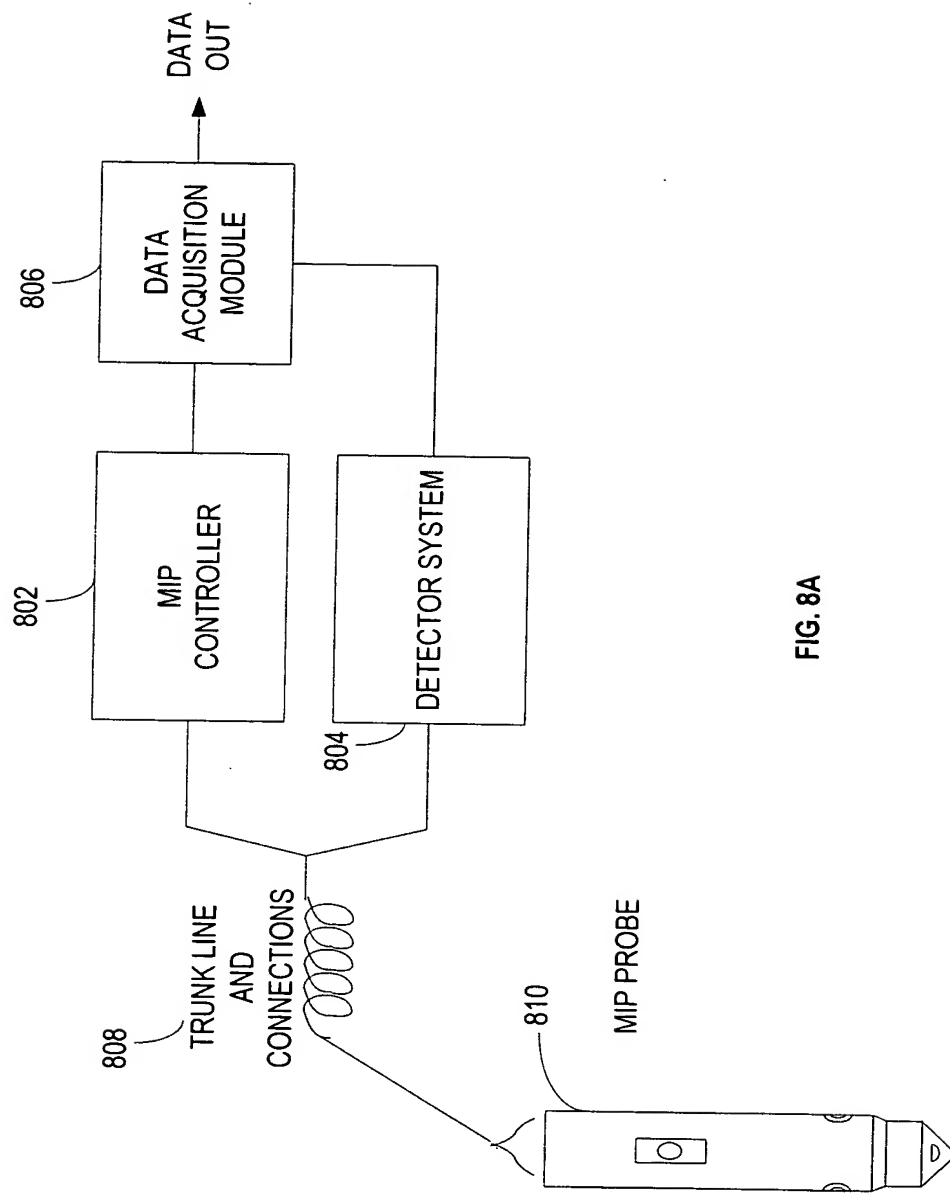


FIG. 8A

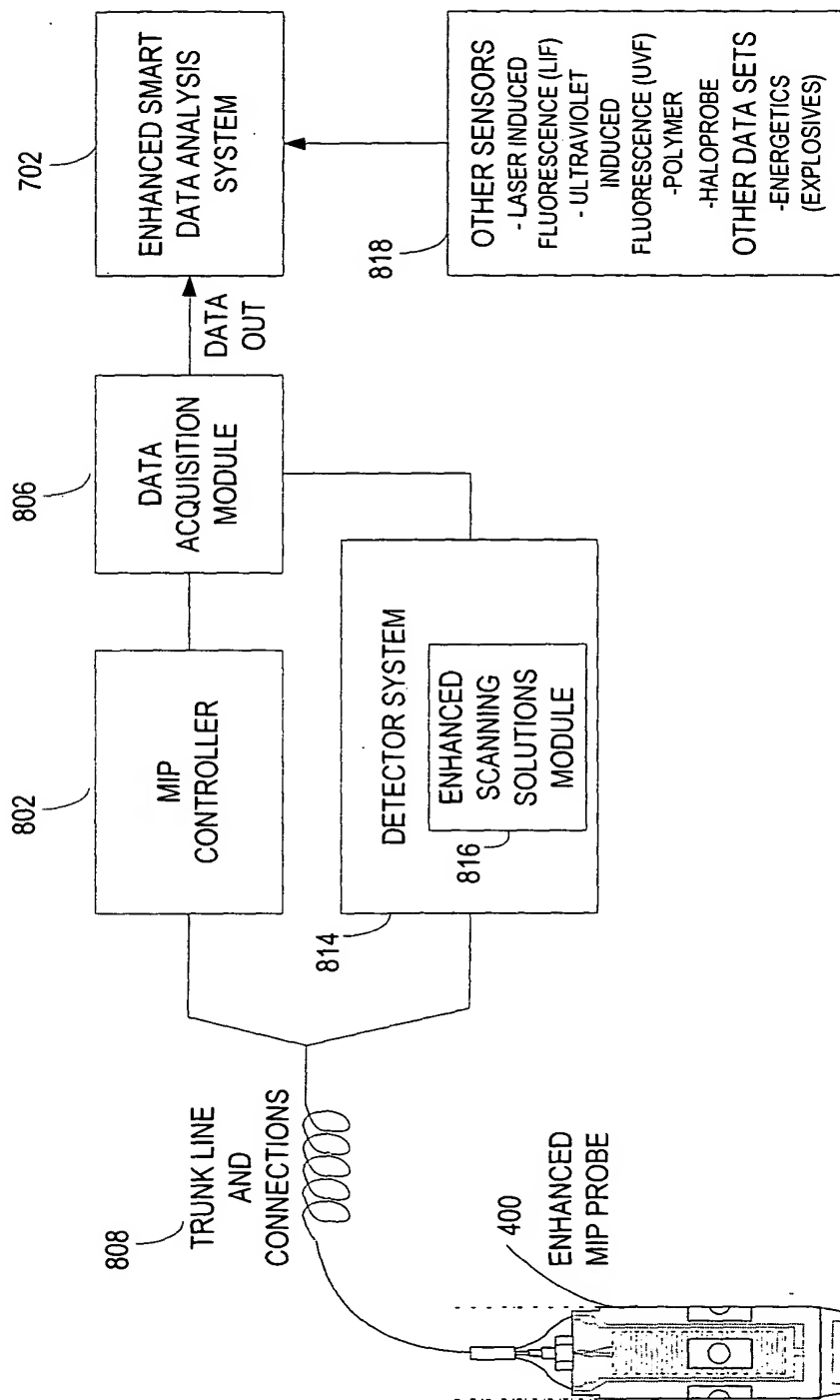
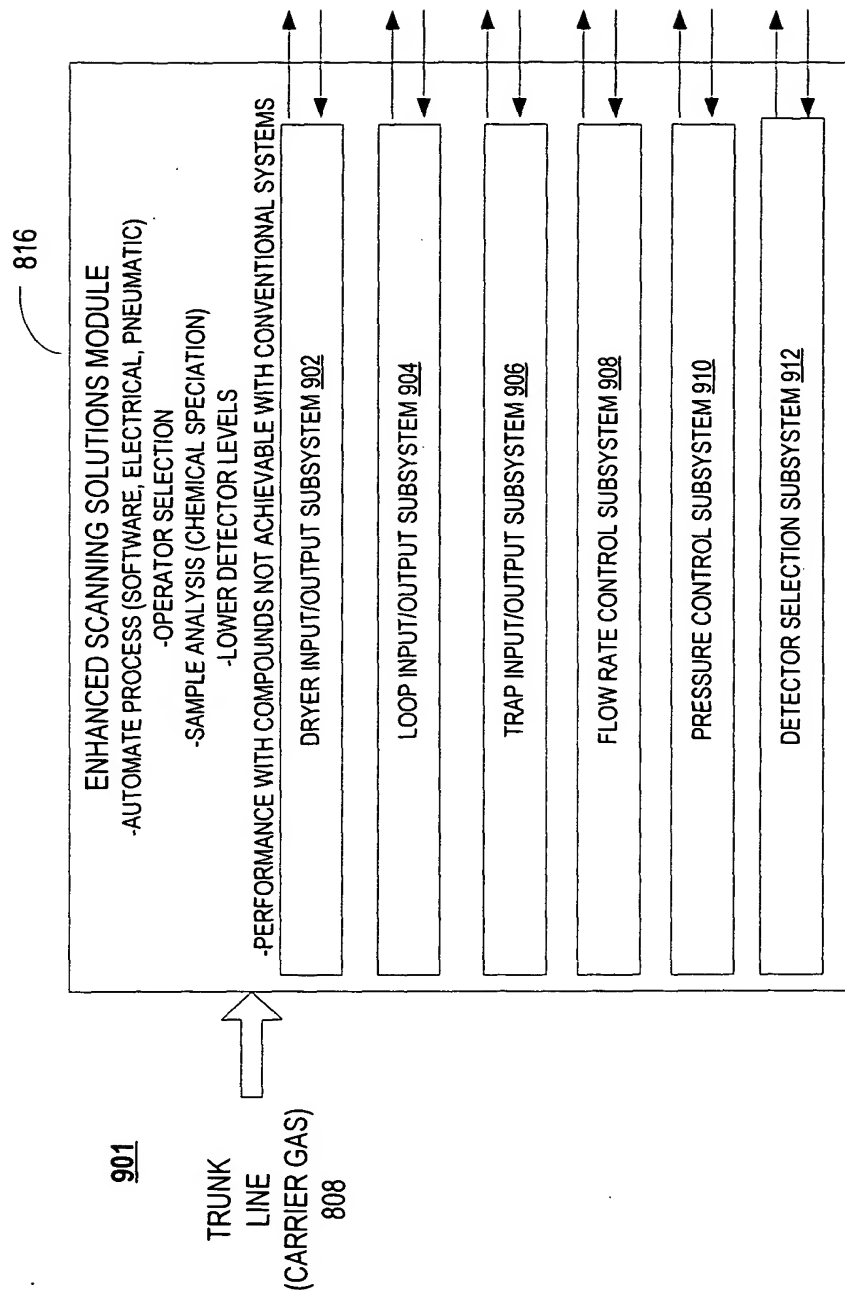
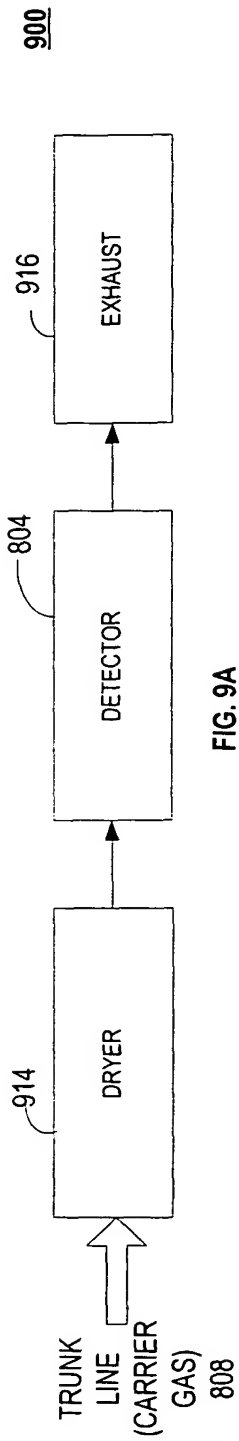


FIG. 8B



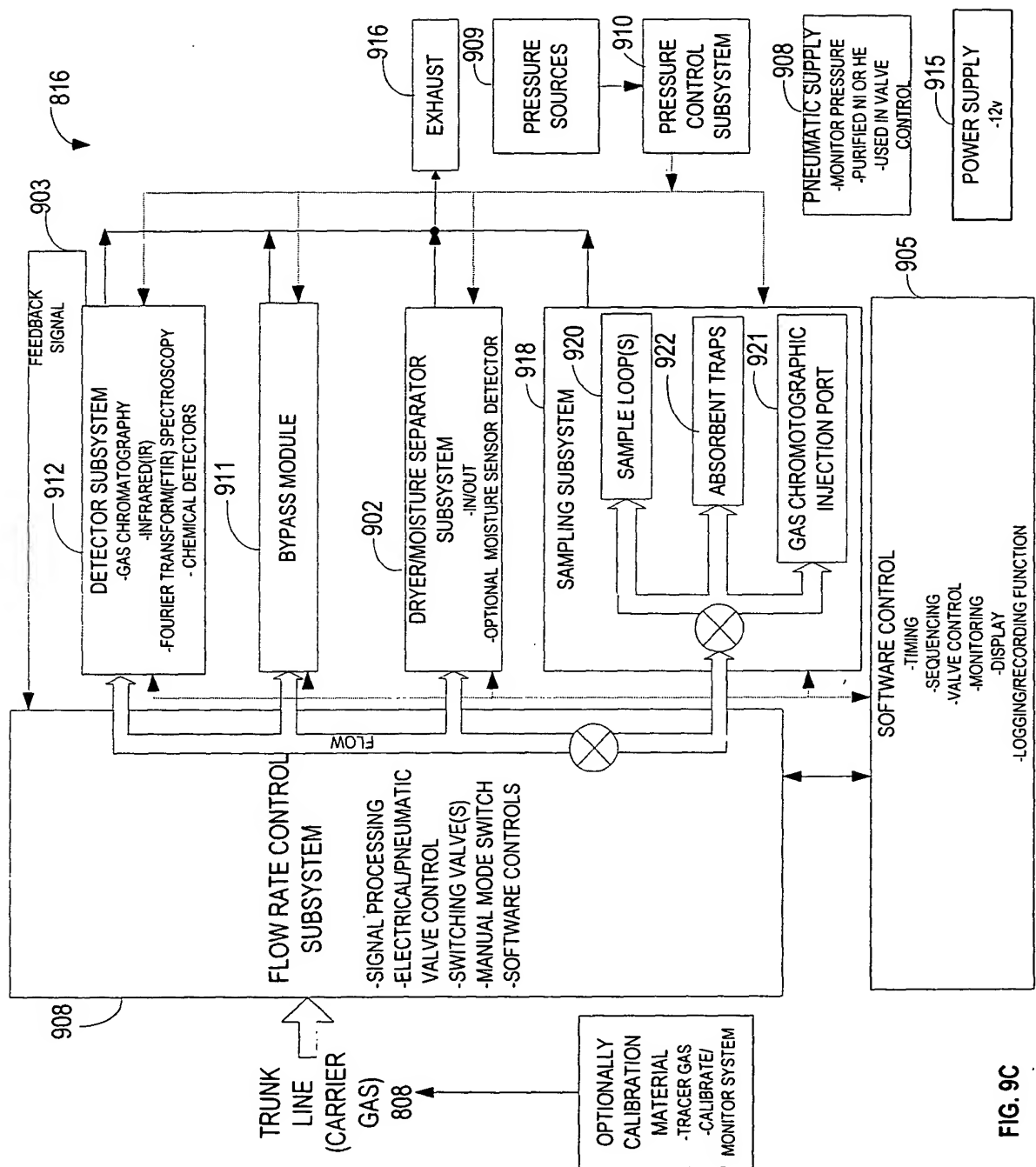
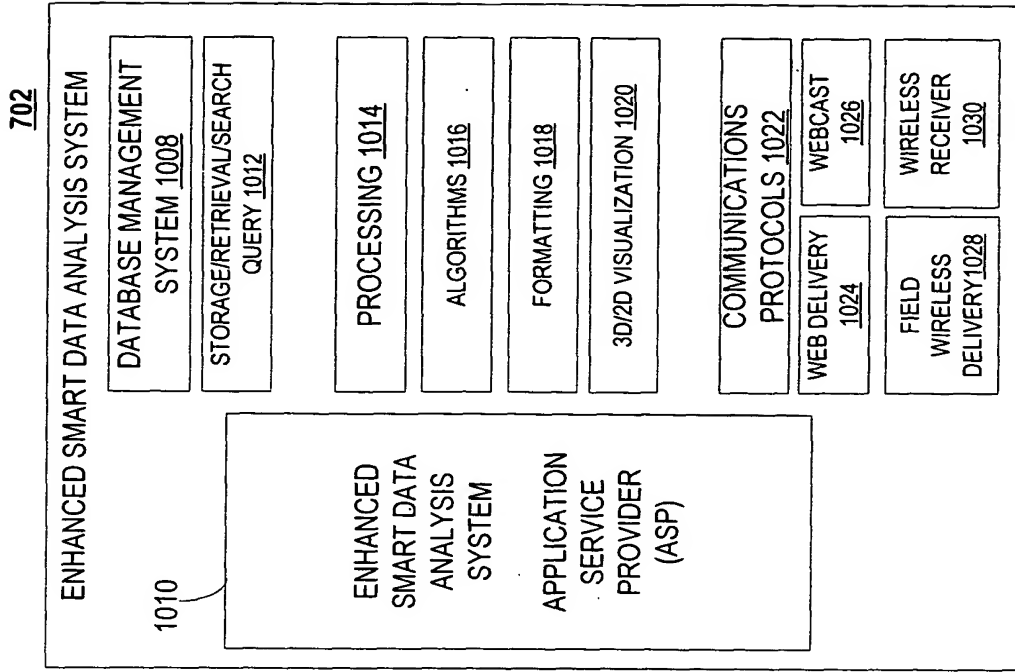
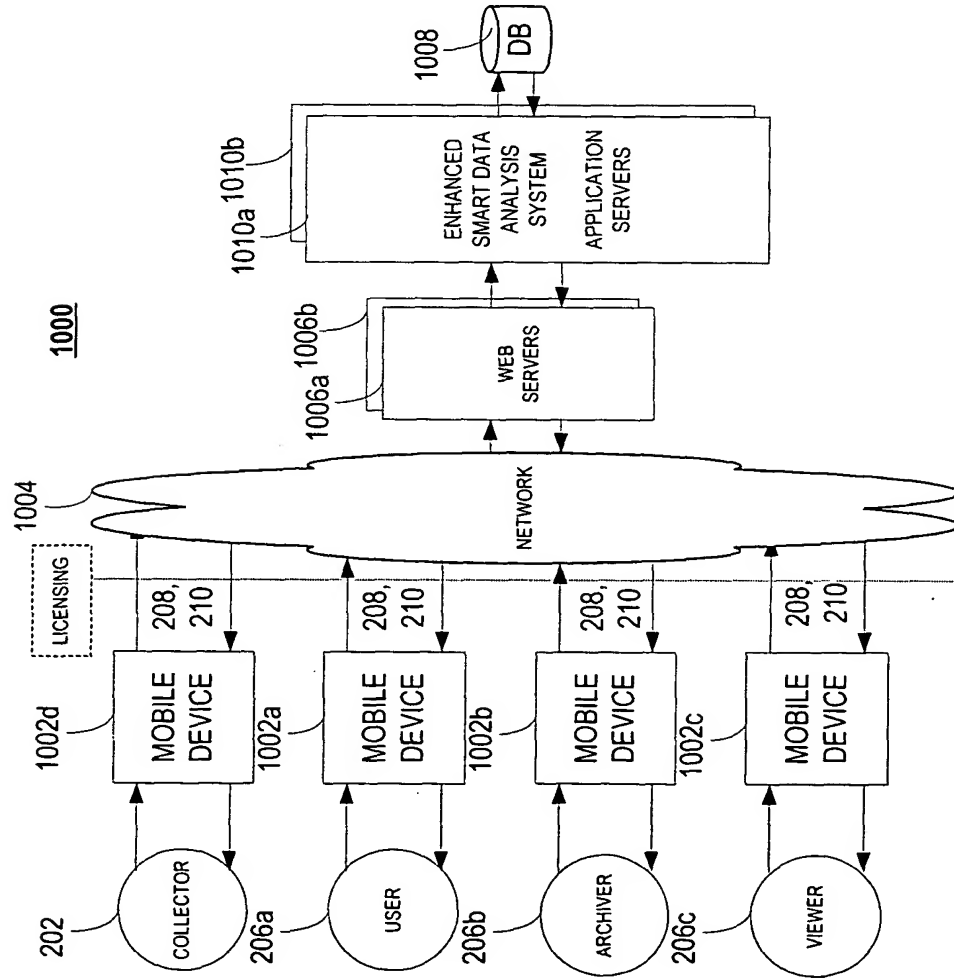


FIG. 9C



**FIG. 10B**



**FIG. 10A**

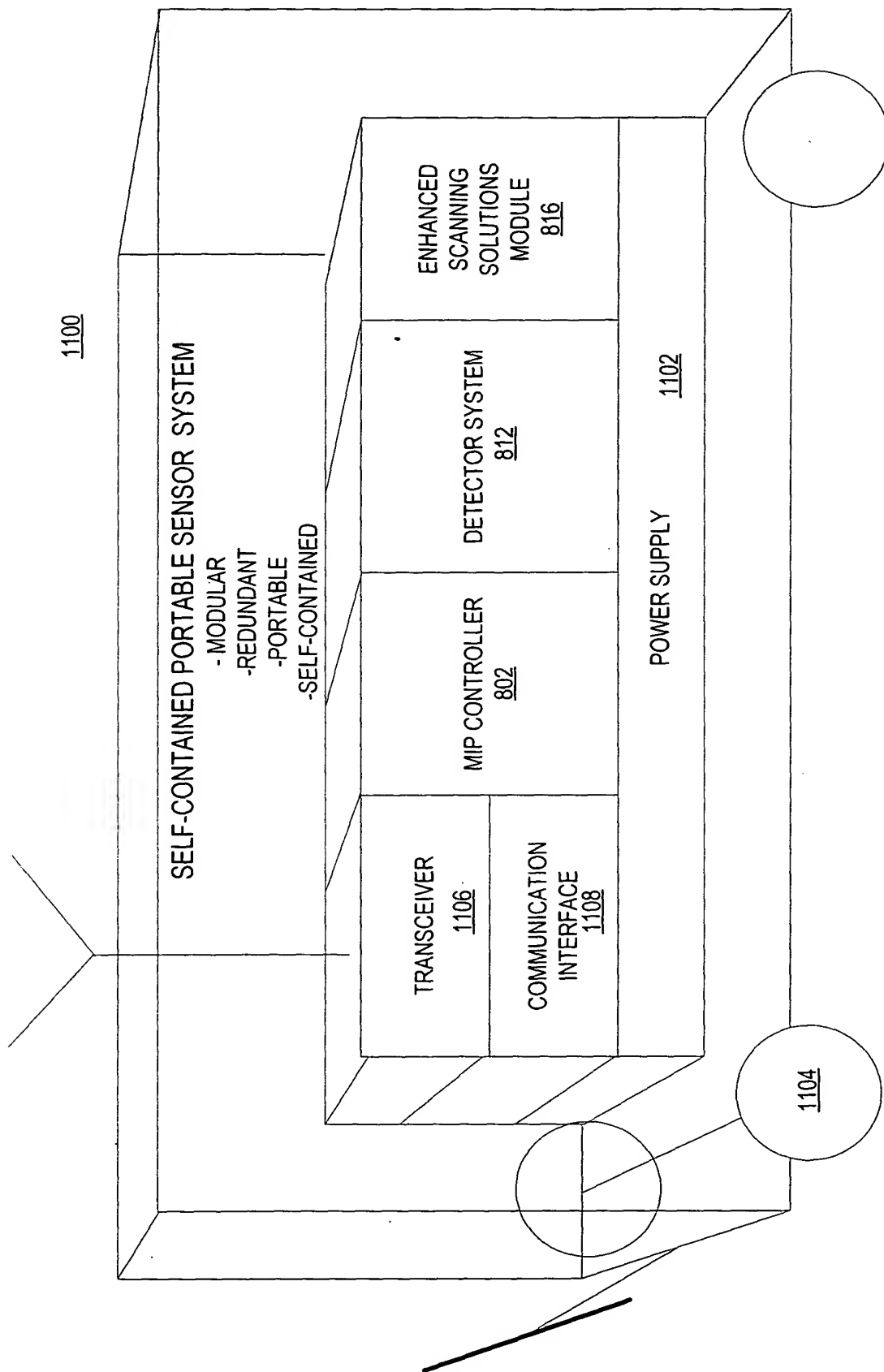
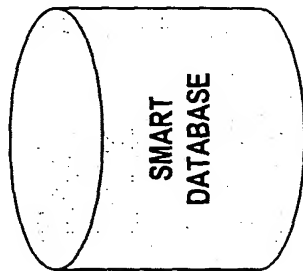
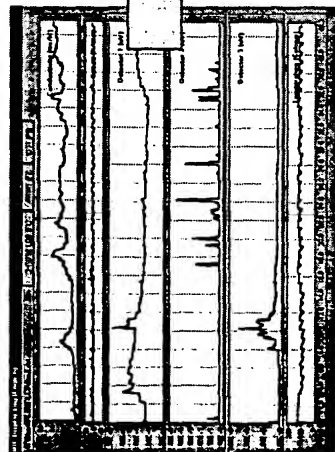


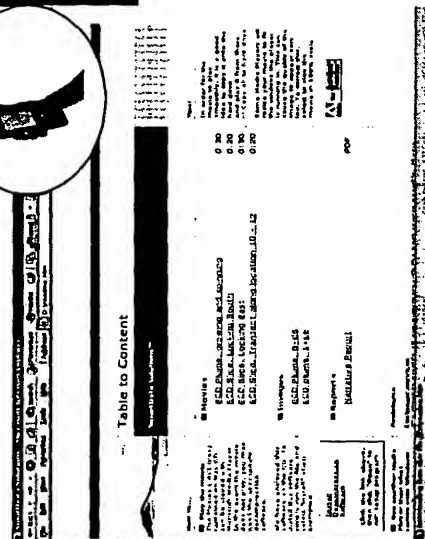
FIG. 11



• Customer Web Interface  
 • Web Cast  
 • Wireless Mobile Device Delivery  
 • Report Deliverables



RAW DATA



- PROCESSING**
- Quality Assurance/ Quality Control - Error trapping
  - Data normalization
  - Variations
    - Condition of Membrane
    - Actual Subsurface Condition
    - Chemical Concentration
    - Soil/Water Matrix
  - Pressure
  - Flow Rate
  - Condition of Detectors -
    - Drift
    - Calibration
  - Depth of Probe
  - Hydrostatic
  - Baseline Noise Analytical/Electrical System
  - Aggregation
    - Site and contaminant comparison
    - Predictive measure of Risk/Performance
  - Formatting and visualization

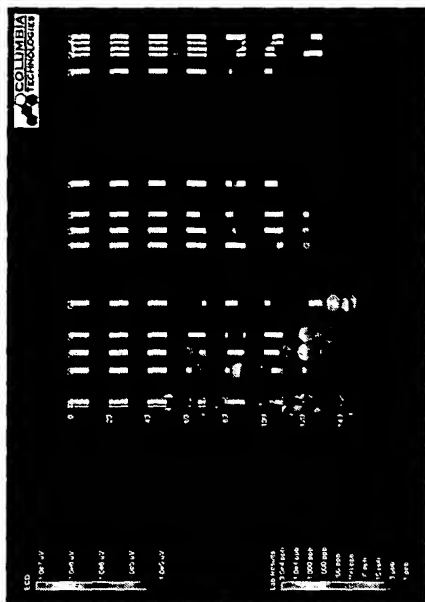


FIG. 12A

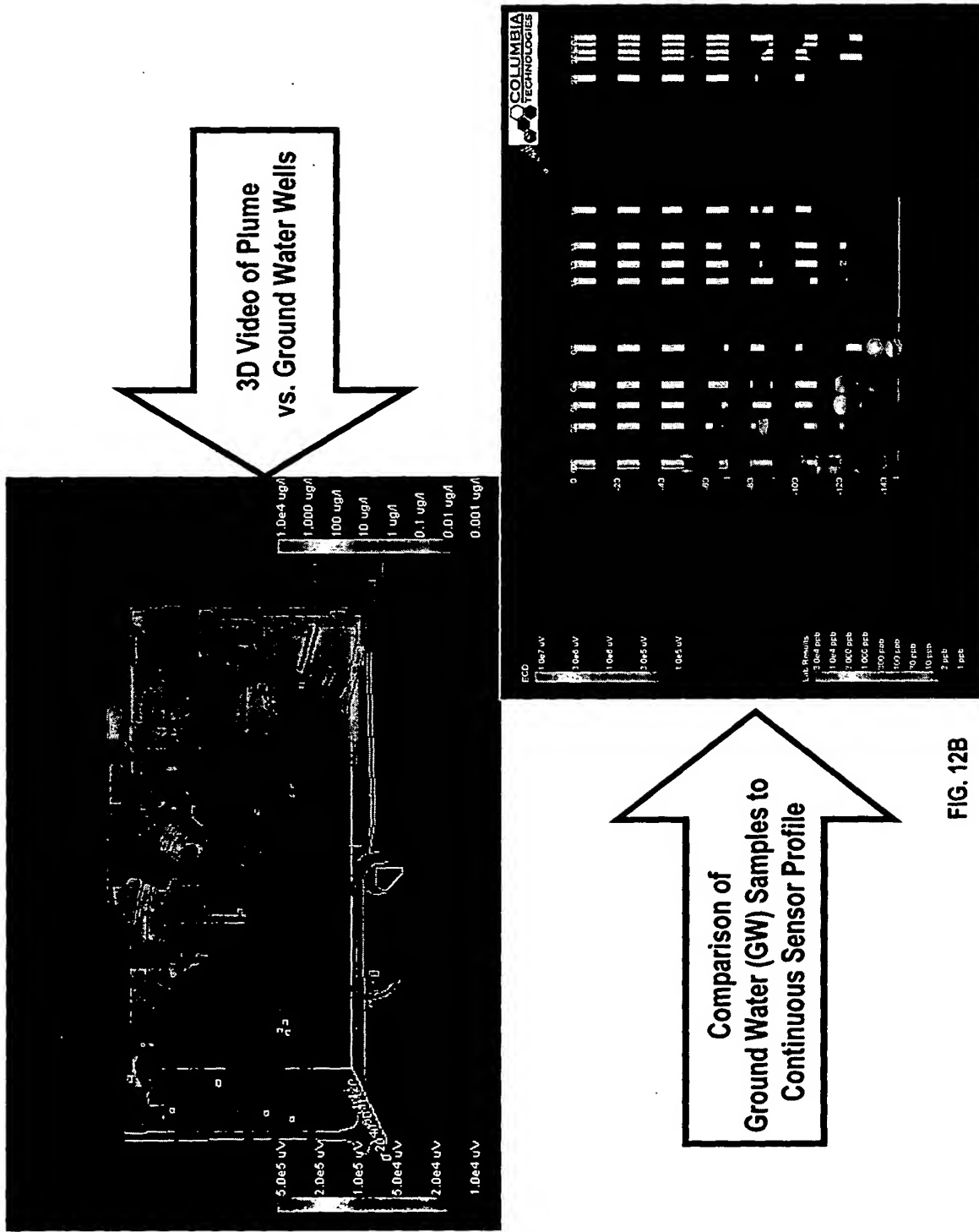


FIG. 12B

## Demo Corp



SmartData Solutions™

### Featured Projects

SmartData Solutions was used to delineate a source area under a manufacturing building. The resulting 3D images helped to focus remedial efforts, thereby saving time and cost. Earth Tech's client remarked, "This was the best data he had ever seen!" Dave Rosecrance of Oak Ridge, Tennessee was asked by the TDEC to present the results at their Haz Waste conference in Gatlinburg, Tennessee in May 2002.

### Welcome back John Smith

["Not John Smith?" Click here](#)

### Your Current Projects

PETROLEUM TERMINAL

MANUFACTURING FACILITY

### Other Demo Corp Projects

Brownfield Site

Irving Lambert - San Francisco

Dry Cleaner

Anna Cohen - Tampa

Gas Station

Vernon Wilkes - Baltimore

Vapor Intrusion Site

Sam Fisher - Dallas

### Assistance

#### Customer services

We strive to provide all our customers with the best service possible. If you are experiencing a problem, please do not hesitate to call our customer service department toll-free on 1-888-344-2704

[Contact](#) [Legal](#) [Privacy](#)

FIG. 12C

# DemoCD.rp



Your Projects

## Manufacturing Facility

SmartData Solutions™

### Site Information

Manufacturing Facility  
Savanna, GA  
Project Dates

Started: 8/12/2002

Completed: 8/21/2002  
Status

Completed

### Movie Information

#### ■ Play the movie

The Movies (.AVI files) contained on this CD can be viewed with Microsoft Media Player. In the event the movie does not play, you may need the appropriate decompression software.

We have enclosed this software on the CD. To install this software, simply run the file and select "install" when prompted.

Install  
Decompression  
Software

Click the link above, then click "Open" to run setup program.

#### ■ Use another Media Player then what comes with Windows

As an alternative to Media Player, we have included a viewer called **Camtasia Player** that can be installed free of charge. This is in our view, a very good product and should be used in case Media Player fails to play the

#### ■ Completed Deliverables

As your order is completed, each item will be added to this screen. Your sitemap is still available by clicking on the "Sitemap" heading below.

**You can get this content delivered to you on a CDROM, please contact your sales representative or the SmartData Solutions™ Team for assistance.**

#### ■ Sitemap

#### ■ Images

ECD 1+E6, Plan View (Full site)	71 kb
ECD 1+E6, Plan View	71 kb
ECD 5+E6, Plan View	66 kb
ECD 5+E5, Transect	171 kb
ECD Slice, Lab Data	81 kb

#### ■ Movies

🎬 Plan View, 360 Fly-around (Lab Data)	11 mb
🎬 Plan View, 360 Fly-around (Full site)	41 mb

#### ■ Presentations

📺 SmartData Solutions™ Overview	2 mb
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### Webcast

View



### MIP Logs

CGT01.CPD  
PGCPT01  
PGCPT02  
PGCPT03  
PGCPT04  
PGCPT05  
PGCPT06  
PGCPT07  
PGCPT08  
PGCPT08C  
PGCPT09  
PGCPT11  
PGCPT12  
PGCPT15  
PGCPT18  
PGCPT1CF  
PGCPT23  
PGCPT24  
PGCPT25  
PGCPT26  
PGCPT27  
PGCPT29

### Resource

## Assistance

### Customer services

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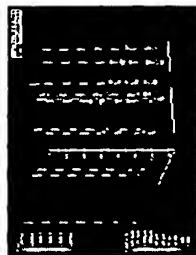
FIG. 12D

The Images below were selected during the LIVE Webcast. Each Image can be selected as the basis for a movie and to be included in a report. Refer to the check boxes to the right of the image for all the options available for that image.

**Previous Order Exist**

A previous order exists for this webcast. You can add to this order by selecting more Deliverables and click "Update Order". To remove items from the existing order, uncheck the items and click "Update Order". Previously ordered items are listed in Red for clarity.

**Oblique Views**



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PID  
FID  
ECD

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[not shown]  
1.0e+006 uV

☐ Include in Report  
☒ Electronic Image  
☐ Create Basic Movie

View: Looking North (N)

Comment: lab



Click to enlarge

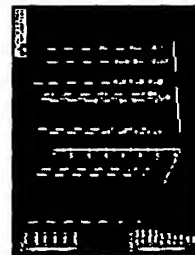
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ECD

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[not shown]  
[not shown]  
5.0e+005 uV

☐ Include in Report  
☐ Electronic Image  
☐ Create Basic Movie

View: Looking West (W)

Comment: lab



Click to enlarge

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FID  
ECD

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[not shown]  
[not shown]  
5.0e+006 uV

☐ Include in Report  
☒ Electronic Image  
☐ Create Basic Movie

View: Looking North (N)

Comment: lab

FIG. 12E